

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10519473"	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:14
S2	0	"10519473"	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:14
S3	1	"10/519473"	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:14
S4	2	"20040161657"	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:16
S5	163	"5763113"	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:26
S6	1618	429/22.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:27
S7	1068	429/24.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:27
S8	781	429/25.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:27
S9	1057	429/23.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:28
S10	4125	429/34.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:28
S11	6756	S6 or S7 or S8 or S9 or S10	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:28
S12	20	S11 and recirculation and purge valve with nitrogen and ((reactant or fuel) with nitrogen)	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:29
S13	4	S11 and recirculation and purge valve with nitrogen and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:32
S14	6	S11 and recirculation and purge valve with (fuel or reactant) and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:39

S15	2	S14 not S13	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:39
S16	7	S11 and recirculat\$4 and purge valve with (fuel or reactant) and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:40
S17	1	S16 not S14	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:40
S18	55	"6242120"	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:42
S19	7	S11 and recirculat\$4 and purge with valve with (fuel or reactant) and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:57
S20	8	S11 and recirculat\$4 and purge valve and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:58
S21	15	S11 and recirculat\$4 and purge valve with (reactant or fuel) and pressure sens\$4 and temperature sens\$4	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:58
S22	8	S21 not S19	US-PGPUB; USPAT	ADJ	ON	2009/07/31 10:58
S23	23	S11 and recirculat\$4 and purg\$4 valve with (reactant or fuel) and pressure near2 (sens \$4 or detect\$4 or measur\$4) and temperature near2 (sens\$4 or detect\$4 or measur\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/31 11:00
S24	15	S23 not S22	US-PGPUB; USPAT	ADJ	ON	2009/07/31 11:00
S25	48	S11 and recirculat\$4 and purg\$4 valve with (reactant or fuel) and controller	US-PGPUB; USPAT	ADJ	ON	2009/07/31 11:02
S26	1618	429/22.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:42

S27	1068	429/24.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:42
S28	781	429/25.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:42
S29	1057	429/23.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:42
S30	4125	429/34.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:42
S31	6756	S26 or S27 or S28 or S29 or S30	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:42
S32	256	S31 and purge with nitrogen	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:42
S33	91	S32 and recirculat\$5	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:48
S34	28	S32 and recirculat\$5 with (surplus or unused or left over or leftover or extra or remain\$4) with (fuel or reactant or nitrogen or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/07/31 13:59
S35	11	S32 and recirculat\$5 with (unreact\$4) with (fuel or reactant or nitrogen or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/07/31 14:02
S36	14	((TETSUYA) near2 (KAMIHARA)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 10:51
S37	11	"4680240"	US-PGPUB; USPAT	ADJ	ON	2009/08/03 11:01
S38	2	"2002151116"	JPO; DERWENT	ADJ	ON	2009/08/03 11:08
S39	3	"2001210342"	JPO; DERWENT	ADJ	ON	2009/08/03 11:12
S40	2	"2001266922"	JPO; DERWENT	ADJ	ON	2009/08/03 11:13
S41	2	"2001266922"	US-PGPUB; JPO; DERWENT	ADJ	ON	2009/08/03 11:13

S42	12	(US-20050244686-\$ or US-20040161657-\$ or US-20020004157-\$ or US-20030180599-\$ or US-20030148167-\$ or US-20010055707-\$). did. or (US-5763113-\$ or US-5798186-\$ or US-4680240-\$).did. or (JP-2002151116-\$ or JP-2001210342-\$ or JP-2001266922-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/08/03 12:27
S43	8	S42 and purge	US-PGPUB; USPAT	ADJ	ON	2009/08/03 12:27
S44	8	S42 and purg\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/03 12:27
S45	1618	429/22.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:05
S46	1068	429/24.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:05
S47	781	429/25.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:05
S48	1057	429/23.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:05
S49	4125	429/34.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:05
S50	6756	S45 or S46 or S47 or S48 or S49	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:05
S51	57	S50 and (recirculat\$5 or recylc\$5) with purg \$4 near3 valve	US-PGPUB; USPAT	ADJ	ON	2009/08/03 13:05
S52	94	S50 and (recirculat\$5 or recylc\$5) and ejector and sensor	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:28
S53	32	S50 and (recirculat\$5 or recylc\$5) and ejector and sensor and pressure regulat\$4	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:34
S54	18	S50 and (recirculat\$5 or recylc\$5) and ejector with pressure sensor	US-PGPUB; USPAT	ADJ	ON	2009/08/03 14:54
S55	1623	429/22.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:25
S56	1069	429/24.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:25
S57	781	429/25.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:25

S58	1058	429/23.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:25
S59	4129	429/34.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:25
S60	6765	S55 or S56 or S57 or S58 or S59	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:25
S61	931	S60 and flow rate with pressure	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:25
S62	581	S60 and flow rate with pressure with (fuel or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:26
S63	54	S60 and (flow rate sensor or flow sensor) with pressure with (fuel or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:53
S64	66	S60 and (flow rate) with pressure sensor with (fuel or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 09:56
S65	75	429/12-46.ccls. and (flow rate) with pressure sensor with (fuel or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 10:00
S66	9	S65 not S64	US-PGPUB; USPAT	ADJ	ON	2009/08/04 10:00
S67	78	429/12-46.ccls. and (flow rate or rate of flow or rate near2 suppl \$4) with pressure sensor with (fuel or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 10:02
S68	110	429/12-46.ccls. and (flow rate or rate of flow or rate near2 suppl \$4) with pressure (sens \$ or detect\$4 or measur\$4) with (fuel or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 10:03
S69	13	(US-20050244686-\$ or US-20040161657-\$ or US-20020004157-\$ or US-20030180599-\$ or US-20030148167-\$ or US-20010055707-\$). did. or (US-5763113-\$ or US-5798186-\$ or US- 4680240-\$ or US- 6063515-\$).did. or (JP- 2002151116-\$ or JP- 2001210342-\$ or JP- 2001266922-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/08/04 11:24

S70	2	S69 and temperature sens\$4	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:24
S71	1623	429/22.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:25
S72	1069	429/24.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:25
S73	781	429/25.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:25
S74	1058	429/23.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:25
S75	4129	429/34.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:25
S76	6765	S71 or S72 or S73 or S74 or S75	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:25
S77	37	S76 and (recirculat\$5 or recycl\$5) and ejector and temperature sensor	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:25
S78	240	S76 and (recirculat\$5 or recycl\$5) and temperature sensor with (anode or fuel or hydrogen)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:38
S79	8	S69 and temperature	US-PGPUB; USPAT	ADJ	ON	2009/08/04 11:45
S80	81	S76 and (recirculat\$5 or recycl\$5) and temperature sensor with (suppl\$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 13:23
S81	11	S76 and (recirculat\$5 or recycl\$5) and temperature sensor with purge valve	US-PGPUB; USPAT	ADJ	ON	2009/08/04 13:34
S82	20	S76 and temperature sensor with purge valve	US-PGPUB; USPAT	ADJ	ON	2009/08/04 13:35
S83	20	S76 and temperature near2 sensor with purge valve	US-PGPUB; USPAT	ADJ	ON	2009/08/04 13:35
S84	25	429/12-46.ccls. and temperature near2 sensor with purge valve	US-PGPUB; USPAT	ADJ	ON	2009/08/04 13:35
S85	385	429/12-46.ccls. and temperature near2 sensor with valve	US-PGPUB; USPAT	ADJ	ON	2009/08/04 13:41
S86	1	"7443651"	US-PGPUB; USPAT	ADJ	ON	2009/08/04 14:06

S87	501	S76 and (ammeter or ampmeter or amp meter or current meter or current sensor or current detector)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 14:34
S88	118	S76 and (recirculat\$5 or recycl\$5) and (ammeter or ampmeter or amp meter or current meter or current sensor or current detector)	US-PGPUB; USPAT	ADJ	ON	2009/08/04 14:41
S89	67	S76 and (recirculat\$5 or recycl\$5) and (ammeter or ampmeter or amp meter or current meter or current sensor or current detector) with control\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/04 15:11
S90	52	429/12-46.cds. and purge valve with (rate near flow)	US-PGPUB; USPAT	ADJ	ON	2010/02/23 17:58
S91	22	429/12-46.cds. and purge valve with (open \$5 near degree)	US-PGPUB; USPAT	ADJ	ON	2010/02/23 18:04
S92	1	"1018744"	EPO	ADJ	ON	2010/02/23 18:07
S93	14	"1018774"	EPO; DERWENT	ADJ	ON	2010/02/23 18:07
S94	0	"2002022167"	US-PGPUB; USPAT	ADJ	ON	2010/02/23 18:09
S95	20	"429".das. and herron. inv.	US-PGPUB; USPAT	ADJ	ON	2010/02/23 18:09
S96	90	429/12-46.cds. and purge with valve with ((open\$5 near degree) or (rate near flow))	US-PGPUB; USPAT	ADJ	ON	2010/02/23 18:34
S97	38	S96 not S90	US-PGPUB; USPAT	ADJ	ON	2010/02/23 18:34
S98	27	S97 not S91	US-PGPUB; USPAT	ADJ	ON	2010/02/23 18:34

S99	19	(US-20050244686-\$ or US-20040161657-\$ or US-20020004157-\$ or US-20030180599-\$ or US-20030148167-\$ or US-20010055707-\$ or US-20020022167-\$ or US-20010014415-\$). did. or (US-5763113-\$ or US-5798186-\$ or US-4680240-\$ or US-6063515-\$ or US-5605770-\$ or US-6383670-\$ or US-6096449-\$). did. or (JP-2002151116-\$ or JP-2001210342-\$ or JP-2001266922-\$ or EP-1018774-\$). did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/02/24 09:40
S100	1	S99 and nitrogen near3 sensor	US-PGPUB; USPAT	ADJ	ON	2010/02/24 09:40
S101	2	S99 and flow rate with opening degree	US-PGPUB; USPAT	ADJ	ON	2010/02/24 10:48
S102	52	429/12-46.ccls. and purge valve with (rate near flow)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 13:35
S103	22	429/12-46.ccls. and purge valve with (open \$5 near degree)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 13:35
S104	90	429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 13:35
S105	38	S104 not S102	US-PGPUB; USPAT	ADJ	ON	2010/02/24 13:35
S106	27	S105 not S103	US-PGPUB; USPAT	ADJ	ON	2010/02/24 13:35
S107	5	S106 and temperature sensor and pressure sensor	US-PGPUB; USPAT	ADJ	ON	2010/02/24 13:35
S108	45	429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:19



SI09	0	429/12-46.ccls. and purge with valve nissan.as.	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:26
SI10	0	429/12-46.ccls. and purge and valve nissan. as. and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:26
SI11	33	429/12-46.ccls. and purge valve and nissan. as. and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:27
SI12	31	429/12-46.ccls. and purge valve with flow rate and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:27
SI13	75	429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) and ((temperature near3 (detect\$5 or sens \$5)) or (pressure near3 (detect\$5 or sens \$5)))	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:33
SI14	32	429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) and ((temperature near3 (detect\$5 or sens \$5)) or (pressure near3 (detect\$5 or sens \$5))) with (purge with valve)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:34
SI15	72	429/12-46.ccls. and purge with valve with ((open\$5) or (rate near flow)) and ((temperature near3 (detect\$5 or sens\$5)) or (pressure near3 (detect\$5 or sens\$5))) with (purge with valve)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:37

S116	40	S115 not S114	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:37
S117	4	S99 and (temperature sensor and pressure sensor)	US-PGPUB; USPAT	ADJ	ON	2010/02/24 14:47

**EAST Search History (Interference)**

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**2/24/2010 5:59:40 PM****C:\Documents and Settings\sessex\My Documents\EAST\Workspaces\10519473.wsp**